[**Programmable Communication Group**](https://sites.google.com/a/temple.edu/programmable-communication-group/)

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| Date | Friday, October 26, 2013 | | |
| Advisor | Dr. Silage | | |
| Members | Cedric Destin | Brandon Keith | Brian Thibodeau |

Headline: New project trajectory: FPGA-based TNC. Three cores: 1200 bps BPSK modem core, 1200 bps FSK modem core, FX.25 core. We were provided two old TNCs by Dr. Silage.

Topics to discuss (with Silage)

* Discuss draft design document “red pen” mark-up
* Meaning of “state of the art” design in mark-up.

Topics to discuss (among SD team and Silage, if necessary)

* Major reconstruction of SD trajectory
* Re-designating design draft document tasks

Dr. Silage feedback

* Design document formatting
* New antennas in K3TU lab.
* Provided two TNCs for us to take apart and test with.

Topics to discuss in next SD meeting

* We want to design FPGA-based TNC with two modem cores and an FX.25 core.
* We do not want to design “state of the art” modem cores.
* Provide updated draft design document.

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| **Engineer** | **Status** |
| Brian Thibodeau |  |
| Cedric Destin | **Current**   * Researching FSK modulation/demodulation technics   **Future**   * Experiment candidate solution * Document results from candidate solutions |
| Brandon Keith | * Completing section 1 of draft design document with new SD trajectory. |